



# THE ASEAN FEDERATION OF LAND SURVEYING AND GEOMATICS

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## **Minutes of the Twenty Forth Council Meeting Held on 21<sup>st</sup> November 2005 (Monday) At The Rizqun International Hotel, The Mall, Abdul Razak Complex, Gadong BE3519 Bandar Seri Begawan, Negara Brunei Darussalam**

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### **Present :**

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| Survey Department, Brunei Darussalam – Pengiran Matusin bin Pg Matasan                | - | President              |
| Survey and Mapping Society, Thailand – Dr Wicha Jiwalai                               | - | Senior Vice President  |
| Surbana Consultants Pte Ltd – Mr See Seng Guan  | - | Vice President         |
| Survey Department, Brunei Darussalam – Hjh Norzamni Pehin Dato Hj Salleh              | - | Hon. Secretary General |
| PEJUTA, Malaysia – Mr Chun Ming Kee   | - | Hon. Treasurer         |
| Bakosurtanal, Indonesia – Mr Sugeng Prijadi<br>(representing Mr. Rudolf Matindas)     | - | Imm. Past President II |
| Singapore Institute of Surveyors and Valuers, Singapore – Mr Wee Soon Kiang           | - | Council Member         |
| Land Surveyors Board Singapore – Mr Tan Choo Haw                                      | - | Council Member         |
| PEJUTA, Malaysia – Tuan Haji Saharuddin Saat  | - | Council Member         |
| Land Surveyors Board, Malaysia – Mr Teo Chee Hai<br>(representing Dato Hamid bin Ali) | - | Council Member         |
| Survey Department, Brunei Darussalam - Tuan Haji Mohd Jamil bin Hj Mohd Ali           | - | Council Member         |
| Newas Survey Consultancy, Brunei – Mr Newas Ukoi                                      | - | Council Member         |

### **Observers :**

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| Bakosurtanal, Indonesia – Mdm Diah Kirana Kresnawati   | - | Institutional Member |
| Bakosurtanal, Indonesia – Mr Irawan Sumario  | - | Institutional Member |
| Bakosurtanal, Indonesia – Mr Sukendra Martha   | - | Institutional Member |
| Survey Department, Brunei Darussalam – Tuan Haji Murni Abdul Rahim                                       | - | Institutional Member |
| Survey Department Brunei Darussalam – Tuan Haji Mahadi Haji Mohd Tahir                                   | - | Institutional Member |
| Tang Tuck Kim Registered Surveyor – Mr Tang Tuck Kim   | - | Corporate Member     |
| T N Wong & Associates – Mr T N Wong  | - | Corporate Member     |
| Vietnam Association of Geodesy, Cartography, Remote Sensing<br>- Mr Lee Minh Tam                         | - | Observer             |
| Yunnan Association for Surveying and Mapping – Mr Yang Jun-Dong (President)                              | - | Observer             |
| Yunnan Association for Surveying and Mapping<br>– Mr Jian Cheng-Wei (Vice President)                     | - | Observer             |
| Yunnan Association for Surveying and Mapping – Mr Li Yun-Peng (Secretary-General)                        | - | Observer             |
| Yunnan Association for Surveying and Mapping – Mr Li Hong-Fang (Director)                                | - | Observer             |
| Yunnan Association for Surveying and Mapping – Mr Xu Ji-Zhong (Director)                                 | - | Observer             |
| Yunnan Association for Surveying and Mapping – Mr Zhang Rong-Cai (Director)                              | - | Observer             |
| Kunming Metallurgy College – Ms Ma Juan (Vice Professor)   | - | Observer             |
| Kunming Metallurgy College – Ms Li Xiao-Huan (Vice Professor)  | - | Observer             |
| Kunming Survey & Design Institute of National Bureau of Forestry<br>– Mr Tang Fang-Lin (Senior Engineer) | - | Observer             |
| Yunnan Association for Surveying and Mapping – Mr Sun Ji-Xiang (Director)                                | - | Observer             |
| Singapore Institute of Surveyors and Valuers, Singapore - Miss Judy Poh                                  | - | Observer             |
| Mr Jonathan Saxon  | - | Observer             |

**Absent with Apologies :**

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| Institution of Surveyors, Malaysia – Dr. Khoo Boo Khean                          | - | Imm. Past President I |
| Land Surveyors Board, Malaysia – Dato’ Hamid bin Ali                             | - | Council Member        |
| Politeknik Ungku Omar, Perak Malaysia - En Md Isa bin Selaiman                   | - | Council Member        |
| Cadastre and Engineering Company Vietnam – Mr Nyugen Van Duc                     | - | Council Member        |
| Philippines Society of Photogrammetry & Remote Sensing<br>– Mr Reynaldo Adorador | - | Council Member        |
| Indonesian Surveyors Association – Dr Sobar Sutisna                              | - | Council Member        |

**In Attendance :**

|                                  |   |                     |
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| Ms Raja Bismayazan Raja Abd Aziz | - | Executive Secretary |
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| <b>NO.</b> | <b>MATTERS DISCUSSED</b>  | <b>ACTION BY</b> |
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|            | <p>The 24<sup>th</sup> Council Meeting was called to order at 9.35 a.m.</p> <p><b>ADOPTION OF AGENDA</b></p> <p>The following Agenda was unanimously adopted :-</p> <ol style="list-style-type: none"> <li>1. Address by the President</li> <li>2. Confirmation of the Minutes of 24<sup>th</sup> Council Meeting</li> <li>3. Matters arising from the Minutes of 23<sup>rd</sup> Council Meeting</li> <li>4. Approval of the New Membership Application</li> <li>5. Report by the Honorary Secretary General</li> <li>6. Financial Report by the Honorary Treasurer</li> <li>7. Report on Organization of the 8<sup>th</sup> SEAS Congress</li> <li>8. Report by the National Representatives</li> <li>9. Proposed Amendment to the Constitution</li> <li>10. Any other matters</li> <li>11. Date and Venue of the 25<sup>th</sup> Asean Flag Council meeting</li> <li>12. Adjournment</li> </ol>  |                  |
| 1.0        | <p><b>ADDRESS BY THE PRESIDENT</b></p> <p>The President welcomed all Council Members present to Negara Brunei Darulsalam and thanked for making their effort to attend this meeting and also the 8<sup>TH</sup> SEAS CONGRESS. He also hope that everybody enjoy staying in Brunei.</p> <p>The President also welcomed Mr Lee Minh Tam Vietnam Association of Geodesy, Cartography, Remote Sensing , Mr Yang Jun-Dong (President) Yunnan Association for Surveying and Mapping, Mr Jian Cheng-Wei (Vice President) Yunnan Association for Surveying and Mapping, Mr Li Yun-Peng (Secretary-General) Yunnan Association for Surveying and Mapping, Mr Li Hong-Fang (Director) Yunnan Association for Surveying and Mapping, Mr Xu Ji-Zhong (Director) Yunnan Association for Surveying and Mapping, Mr Zhang Rong-Cai (Director) Yunnan Association for Surveying and Mapping, Ms Ma Juan (Vice Professor) Kunming Metallurgy College, Ms Li Xiao-Huan (Vice Professor) Kunming Metallurgy College , Mr Tang Fang-Lin (Senior Engineer) Kunming Survey &amp; Design Institute of National Bureau of Forestry, Mr Sun Ji-Xiang (Director) Yunnan Association for Surveying and Mapping, Miss Judy Poh for Singapore Board of Surveyors and Mr Jonathan Saxon, to the meeting.</p> | Info.            |

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| 2.0 | <p><b>CONFIRMATION OF THE MINUTES OF 23<sup>RD</sup> COUNCIL MEETING</b></p> <p>The Minutes of 23<sup>rd</sup> Council Meeting held on 21 March 2005 in Inna Kuta Bali Beach Hotel, Bali, Indonesia, were confirmed and adopted by the Council on the proposal of Mr Tan Choo Haw and seconded by Mr Sugeng Prijadi.</p>  | Info.                          |
| 3.0 | <p><b>MATTERS ARISING FROM THE 23<sup>RD</sup> COUNCIL MEETING</b></p>  |                                |
| 3.1 | <p><b>Compilation of Directory for Professional Service Providers</b></p> <p>Hajjah Norzamni reported to date she only received from Malaysia, Indonesia and Singapore. She hope to receive more from others (Vietnam, Thailand &amp; Philippines) to compile the Directory Professional Service Providers.</p> <p>She hopes to include this Directory in the AFLAG website.</p> <p>The President again requested to those who still not reply to reply to him or Hajjah Norzamni.</p> <p>The President thanked to Hajjah Norzamni.</p> | All Council Members            |
| 3.2 | <p><b>PCGIAP – GIS Infrastructure Project for Borneo Island</b></p> <p>Mr Sugeng reported that the project is on going.</p> <p>He also invite AFLAG council members to have the 26<sup>th</sup> Council Meeting in Jakarta in-conjunction of 1<sup>st</sup> Indonesia Geospatial Technology Exhibition on 23 – 25 August 2006.</p>  | Info.                          |
| 3.3 | <p><b>NEWSLETTERS</b></p> <p>It is reported that Encik Md. Isa bin Selaiman from Politeknik Ungku Omar is looking into it.</p>  | Info.                          |
| 3.4 | <p><b>UPDATE OF AFLAG WEBSITE</b></p> <p>The Secretary again request all council members for 2005 – 2007 to send digital photo (passport size) and their curriculum vitae to the secretary to be included and updated in the website.</p>   | AFLAG Secretariat              |
| 4.0 | <p><b>APPROVAL OF NEW MEMBERSHIP APPLICATION</b></p> <p>The President tabled the Membership Applications just received from Vietnam Association of Geodesy, Cartography, Remote Sensing. The application was unanimously approved and the meeting welcomed the organisation into the Federation.</p> <p>The Secretariat shall issue necessary Certificate of Membership to Vietnam Association of Geodesy, Cartography, and Remote Sensing.</p>   | Info.<br><br>AFLAG Secretariat |

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| <p><b>5.0</b></p> | <p><b>REPORT BY THE HONORARY SECRETARY GENERAL</b></p> <ul style="list-style-type: none"> <li>i Dr Khoo apology for not attending this 24<sup>th</sup> Council Meeting.</li> <li>ii Secretariat had received the approval from ROS the approval to change of Secretariat Address from Selangor to Wilayah Persekutuan.</li> <li>iii AFLAG profile had been updated at the Yearbook of International Organisation.</li> <li>iv Three (3) application received to host next SEASC ; <ul style="list-style-type: none"> <li>(i) Yunnan, People Republic of China</li> <li>(ii) City of Perth, Australia</li> <li>(iii) Indonesia</li> </ul> </li> <li>v Received application from Vietnam Association of Geodesy, Cartography and Remote Sensing (VGCR) to be AFLAG member.</li> <li>vii Secretariat had contacted Philippine via mail, postal letters, telephone to host Next Council Meeting but no respond.</li> <li>viii Received letter from Mahabob &amp; Co. Pahang, drop as corporate member.</li> </ul> <p>The President thanked to Hajjah Norzamni for her reports.</p>  | <p>Info.</p> <p>All council members</p>                        |
| <p><b>6.0</b></p> | <p><b>FINANCIAL REPORT BY THE HONORARY TREASURER</b></p> <p>Treasurer General Mr Chun Ming Kee reported that as of 21 November 2005 total annual subscriptions received were RM8,264.25 whilst RM37,650.00 are still outstanding. He still sought the assistance from the council members in collecting the overdue subscription in their respective country.</p> <p>With regards to arrears in subscriptions, members of Council were told to assist the Secretariat to instigate payments from their counterparts in the respective countries. Formal notices are being issued to those in arrears.</p> <p>A few views from the Council in regards of the arrears subscription ;</p> <p>Mr Teo Chee Hai still with his suggestion that numbers of pending on annual subscription to be removed from AFLAG list.</p> <p>Mr Wee Soon Kiang suggested that AFLAG should email or post hardcopies of AFLAG newsletters or news flashes to maintain member's interest which could in turn assist the collection of subscriptions.</p> <p>President suggested that AFLAG send greetings card "Merry Christmas , Happy New Year , etc " to members.</p> <p>After due deliberation, the Accounts were found to be in order and unanimously approved by the Council.</p> | <p>Info.</p> <p>AFLAG Secretariat</p> <p>AFLAG Secretariat</p> |

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| <p><b>7.0</b></p> | <p><b>REPORT ON ORGANISATION OF THE 8<sup>TH</sup> SEAS CONGRESS</b></p> <p>On the 21<sup>st</sup> of November 2005, SEASC started off with the registration of the delegates and exhibitors. Total registered 250. All delegates welcomed with souvenirs (SEASC bag, Key chain, dairy, pen and programme book). This is a good day for all expertise to meet and share their experiences.</p> <p>There are 25 exhibitors at the exhibition hall, which are occupied by both local and foreign companies.</p> <p>The SEASC2005 will be officially opened tomorrow by Minister of Development, Yang Berhormat Pehin Orang Kaya Hamzah Pahlawan Dato Paduka Awang Hj Abdullah bin Pehin Begawan Mudin Dato Paduka Hj Bakar. Others VIP expected were Deputy Minister of Development, Permanent Secretaries, Head of Departments under Ministry of Development, Senior Government Officers, local and foreign delegate and Exhibitors.</p>   | <p>Info.</p> |
| <p><b>8.0</b></p> | <p><b>REPORT BY THE NATIONAL REPRESENTATIVES</b></p>  |              |
| <p>8.1</p>        | <p><b>NEGARA BRUNEI DARUSSALAM</b></p> <p>Tuan Haji Mahadi bin Haji Mohd Tahir reported on activities currently Survey Department working on ;</p> <ol style="list-style-type: none"> <li>1. Field to Finish (F2F) system project <ul style="list-style-type: none"> <li>▪ Still under pilot project</li> <li>▪ Old instruments are now replace with the new total stations</li> <li>▪ The system expected to be fully operated within Survey Department by June next year (2006)</li> </ul> </li> <br/> <li>2. Geodetic <ul style="list-style-type: none"> <li>▪ In the next 2 years <ul style="list-style-type: none"> <li>➢ Plan to establish more permanent GPS stations, currently there is only 1 permanent GPS station in Brunei Darusslaam</li> <li>➢ To Adopt Geocentric Datum</li> </ul> </li> </ul> </li> <br/> <li>3. e-Map Project <ul style="list-style-type: none"> <li>▪ e-Map is a National web GIS project</li> <li>▪ IT vendors are invited to participate in the project</li> <li>▪ Tender close on 15 November 2005</li> </ul> </li> </ol> | <p>Info.</p> |

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| 8.2 | <p><b>SINGAPORE</b></p> <p>Mr Wee Soo Kian reported that ;</p> <ol style="list-style-type: none"><li>1. Implementation of Electronic Submission to Chief Surveyor<ol style="list-style-type: none"><li>a) Submission of RT Plans, CPs, Strata CPs, Authorized Plans, written Permission &amp; GPS Observations to Chief Surveyor to made electronically using the CORENET system</li><li>b) Requests for Lot Numbers, GPS Markers, Plan &amp; Other document identifiers are also to be made using CORENET</li><li>c) E-submission is implemented wef 2 November 2005, with a 3-month grace period for manual submission. It will be fully operational in Feb 2006.</li></ol></li><li>2. Chief Surveyor's Directive on Cadastral Survey Practices<ol style="list-style-type: none"><li>a) Version 3.2 &amp; 3.3 of the above Directives was issued in May and September 2005 respectively. Changes were made to previous versions to refine the practices in Cadastral surveys using the Integrated Systems Network (GPS) system</li><li>b) Version 3.3 can be downloaded from the SLA website</li><li>c) One of the main changes is that Registered Surveyors are required to certify whether or not there are encroachments and if so to state how these are resolved.</li></ol></li><li>3. LSB Examinations<ol style="list-style-type: none"><li>a) Candidates are required to attend an Oral Examination after taking the Practical Subjects which are to be conducted using the new SVY21 System wef April 2005.</li></ol></li><li>4. LSB Directives on Engineering &amp; Hydrographic Surveys Practices<ol style="list-style-type: none"><li>a) The latest revision was made in March 2005 and is posted in the LSB website.</li></ol></li><li>5. LSB &amp; SISV jointly agreed to produce a DVD to show the range of works &amp; services performed by Land Surveyors. It is intended to create public awareness and to attract students to pursue a career in Land Surveying.</li></ol> | Info. |
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| <p>8.3</p> | <p><b>MALAYSIA</b></p> <p>Mr Teo Chee Hai reported ;</p> <p><b>1. YAA 2006</b></p> <p>The ISM Young Achievers Award is a competition organized by The Institution of Surveyors, Malaysia with the support of the Ministry of Education, Malaysia. The Institution started organizing this competition for schools in the year 2000 with the following objectives ;</p> <ul style="list-style-type: none"> <li>▪ To create awareness of the surveying profession</li> <li>▪ To demonstrate how the four surveying profession interacts in the property development process.</li> <li>▪ To instill the students interest in Mathematics, Science and Technology particularly the Science of Measurement.</li> <li>▪ To help develop the student’s ability to reason given real economic scenario and to formulate strategies</li> <li>▪ To develop student’s skill in economic reasoning and making opinions</li> </ul> <p><b>2. ELECTION OF PRINCIPAL OFFICE BEARERS FOR SESSION 2006/2007</b></p> <p>The President gave notice that the election of principal office bearers ( President, Deputy President, Honorary Secretary General and Honorary Treasurer General ) will take place at the 8<sup>th</sup> Council Meeting in February 2006.</p> <p><b>3. QUALITY MANAGEMENT SYSTEM (ISO 9001: 2000)</b></p> <p>The Association opined that it is important that licensed surveying firms embraced the ISO 9001:2000 quality management system. The Association in collaboration with the Geomatics and Land Surveying Division of The Institution of Surveyors Malaysia is embarking on a group facilitation programmed to attain the ISO 9001: 2000 Certification programmed within 18 months. A total of 40 firms have applied and selected to participate in this programmed beginning early next year. These 40 firms are divided into four (4) groups and each group will be assisted by the designated accredited ISO Consultant. The Consultant will guide the groups in preparing and documenting the essential quality management policies and procedures.</p> <p>Such group facilitation programmed pools scarce resources, allows for peer support and also lowers the cost involved in working towards the ISO Certification as well as.</p> <p>To date, three firms have already attained the ISO 9001: 2000.</p> | <p>Info</p> |
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|            | <p><b>4. TO USE THE PREFIX "SR" FOR SURVEYORS IN MALAYSIA</b></p> <p>The Institution of Surveyors, Malaysia is waiting approval from Registrar Of Society for any Fellows or Members of The Institution of Surveyors, Malaysia whose annual subscriptions, dues and levies are not in arrears are eligible to use the prefix of "SR".</p>   |  |
| <p>8.4</p> | <p><b>INDONESIA</b></p> <p>Mr Sugeng Prijadi reported ;</p> <p><b>(1) Development of Global Mapping Dataset</b></p> <p><b>The Development</b></p> <p>The need for a 1:1,000,000 frame work dataset that will be used as a base map for thematic mapping is increasing in Indonesia, a country that is still struggling to rise from economic crisis and a national disaster that is just happened in Banda Aceh this year.</p> <p>The National Coordinating Agency for Surveys and Mapping, a government mapping agency in Indonesia has initiated the development of the 1:1,000,000 dataset for about 10 years. It was started with the development of digital topographical dataset that included layers of transportation, coastlines, boundary, hydrology, settlements, contour lines, control points.</p> <p>These dataset was then used by many agencies in Indonesia to develop their thematic datasets. However these datasets have some shortcomings mainly because this was developed by using old data sources produced during Dutch colonization. This has poor positional accuracy, incomplete and lack of new information.</p> <p>The development of newer digital topographic dataset was then started sometimes before the end of the end of 20<sup>th</sup> century when the new 1:50,000 and 1:25,000 topographic map series covered most of Indonesian territory. It is a long and difficult process for making the new 1:1,000,000 seamless topographical dataset since this has to be compiled from thousands of sheets.</p> <p>When Global Mapping idea was introduced there was understood that Indonesia as a part of global community had to be actively participated in the Global Mapping programs. Then, at the same time with the development of new Indonesian 1:1,000,000 digital topographic dataset, the development of 1:1,000,000 global mapping dataset was also initiated.</p> <p>Today Indonesia has just finished the development of a layer out seven layers the Global Mapping programs requiring and that is a boundary layer. The other layers are targeted to complete in year</p> |  |

2006.

### **The Process**

The development of this boundary layer uses a Global Mapping specification.

1. Layer : Boundary
  
2. Data Source :
  - a) Digital topographic data of 1:50,000 scale of Kalimantan, Sumatera, Sulawesi and Maluku islands
  - b) Digital topographic data of 1:25,000 scale of Jawa, Bali and Nusa Tenggara islands
  - c) Digital topographic data of 1:100,000 scale of Papua island
  
3. Compilation
  - a) Data Joint
  - b) Data matching to SRTM, Landsat and SPOT dataset
  - c) Generalization to 1:1,000,000 resolution
    - Selection
    - Line simplification
  - d) Coverage ereation
    - Graphic
    - Attribute
  
4. Software
  - ArcGIS 8.0

### **(2) Development of National Clearinghouse Prototype**

The key in the development of Indonesian Spatial Data Infrastructure (ISDI) is a clearinghouse. For this purpose, Indonesian develops a clearinghouse called National Clearinghouse. This is a system attempted at geospatial data users to find geospatial data they need by accessing it through internet. The system is equipped with a search engine capable to search metadata stored in metadata servers installed ins everal data producer agencies. In addition to that, the system allows agencies to register themselves to the National Clearinghouse.

The National Clearinghouse is targeted to connect Indonesian data providers. Until now only two agencies are connected, they are the National Coordinating Agency for Surveys and Mapping, and the Department of Public Works. To join to global or regional community, the

National Clearinghouse will register and provide organizational metadata to GSDI and APSDI

Development status of the National Clearinghouse consist of ;

The status of the development of the National Clearinghouse consist of;

- Clearinghouse Gateway
  - Search engine: Windows based, PHP and YAZ module script engine VBZOOM
  - Node Registry
- Node (Metadata Servers/Z39.50 servers)
  - Installed in two agencies: the National Coordinating Agency for Surveys and Mapping, and the Department of Public Works
  - Z39.50 software: ISITE
  - Windows based
- Collected Metadata
  - Topographic data of 1:25,000
  - Topographic data of 1:25,000
  - Road and water infrastructures
- Metadata Standard
  - Adopt FGDC standard
- Metadata builder
  - MDSN (Metadata Spatial National) distributed free among Indonesian stakeholders
  - TKME: official metadata builder from FGDC
  - ESRI ArcCatalog
- Website
  - <http://www.idsn.or.id/>

As a prototype, this Clearinghouse has some limitations in terms of number of users to access and number of data providers to register to the system simultaneously.

### **(3) Activities After Bali Meeting**

- ISI (Indonesian Surveyors Association)  
Has been acridities under construction act to petroleum a certification processed.
- The XII Congress of ISI was held at Malang and the new President was elected. The President is Mr Benny from National Land Agency.

### **(4) Activities Planned for Next Year (2006)**

- To support the concept of Presidential decree concerning Data spatial Infrastructure
- Initial discussion for MOU between ISI and Nation Agency for Reconstruction and Rehabilitation of Aceh.
- The act of National Education system has been revised. (Academic, Vocation and Profession) actively involved in curriculum development.
- Promoting ISI to other sectors such as mining since they have their own body of certification.

8.5

## **VIETNAM**

Mr Lee Minh Tam reported ;

### **Department of Survey and Mapping**

The Department of Survey and Mapping is a National Mapping Organization of Vietnam belong to the Ministry of Natural Resources and Environment (MONRE), performing the function to help Minister of NONRE in uniform State management over survey and mapping activities; Managing basic geodetic survey; Organising basic survey and mapping in inland, air space and territorial water of State Socialist Republic of Vietnam.

### **Function and Duties**

- To submit to the Minister of Ministry of Natural Resources and Environment (MONRE) bills, ordinances and other legal instruments concerning survey and mapping; Disseminate, guide and control implementation of different branches, localities, organizations and citizen in order to keep surveying-mapping in compliance with the legislation;
- To master plans of development, main important programs and projects in the field of survey and mapping, to organise and direct implementation of survey and mapping projects after their seal of approval; To manage maintenance and protection of benchmarks and other specific survey-mapping constructions; To establish the survey-mapping data base for GIS (Geography Information System) and thematic information.
- To manage, conduct and guide printing, publishing, exchanging, importing, exporting maps and other survey and mapping documents;
- To participate in verification projects of different organizations at ministerial level, organizations under Government and Provincial People's Committee;
- To manage basic survey and mapping activities, survey and mapping for national boundary and administrative boundaries;
- To be directly responsible for quality of the projects and survey-mapping products; Keep as archive and supply survey-mapping information, documentation in accordance with it's competence;
- To organize application of science-technology progress to the survey-mapping tasks, educate and train the survey-mapping staff
- To take part in the international activities on survey and mapping.

### **Survey and Mapping Documentations Which Are Managed, Stored, Secured, Provided by Department of Survey and Mapping**

#### (1) Geodetic Data Base System

- National co-ordinate system:
  - 0 order co-ordinate network and seabed geodetic network
  - I, II, III order co-ordinate network

- National altitude system:
  - 1, 2, 3, 4 order altitude network
- Permanent DGPS station system
- I, II, III, IV order gravity network

(2) Satellite Images and Aerophography

- There are many kinds of images which were taken from 1958 to 2004

(3) Topographic Map in VN-2000 Reference System (Paper Map and Digital Map)

- 1/100 000 scale cover whole country
- 1/50 000 scale cover whole country
- 1/25 000 scale cover development zones
- 1/10 000 scale cover main point zones
- 1/5 000, 1/2 000 scale for city and big town areas.
- Seabed topographic map

(4) Cadastral Map

(5) Other Map

- From 1/2 000 to 1/1 000 000 scale topographic map in many reference system in different time
- Data base of GIS (Geography Information System)
- Thematic map

**Belonging Units**

(1) *Center of Documentation of Survey and Mapping*

Center of Documentation of Survey and Mapping has a function to organise the data base, collect, process, store, secure and provide survey and map data.

(2) *Center of National and Administrative Boundaries*

Center of National and Administrative boundaries has a function to carry out survey and map duties related to matter of national boundaries on mainland and sea area; To collect, manage, and supply data related to boundaries; To appraise border files and national boundaries and administrative boundaries which are represented on all kind of map.

(3) *Managing Board For Survey and Mapping Projects*

Managing Board for Survey and Mapping projects has a function to set up and manage survey and map projects.

(4) *Center of Qualitative Control of Survey and Mapping Products*

Center of qualitative control of Survey and Mapping Products has a function to verify qualities of survey and map projects and other products nationwide; To manage and operate appraising and testing fields.

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|      | <p>(5) <i>Center of Sea Surveying and Mapping</i><br/> Center of Sea Surveying and Mapping has a function to organize surveying activities on the sea; Application researches and sea survey technology development; To supply GPS services.</p>   |                                       |
| 9.0  | <p><b>PROPOSED AMENDMENT TO THE CONSTITUTION</b></p> <p><b>1. Proposed Expansion of Membership</b></p> <p>The President informed good news to the observers from Kunming Yunnan in People Republic of China that the Membership Expansion was unanimously approved in the Extra-Ordinary Meeting which been held at 2.30pm, the same date as the 24<sup>th</sup> Council Meeting.</p> <p>The secretariat will be submitting it to Registrar of Societies Malaysia (ROSM) as soon as possible.</p>  | <p>Info.</p> <p>AFLAG Secretariat</p> |
| 10.0 | <p><b>Any other matters</b></p>  |                                       |
| 10.1 | <p><b>PRESENTATION FROM YUNNAN ASSOCIATION FOR SCIENCE AND TECHNOLOGY (YAST) AND YUNNAN ASSOCIATION FOR SURVEYING AND MAPPING (YASM)</b></p> <p>Welcoming Message</p> <p>Dear All</p> <p>I am very glad and great honor that we will host the 11<sup>th</sup> SEASC (South East Asia Survey Congress) in the spring 2011 in Kunming, Yunnan Province, P.R. China.</p> <p>On behalf of the YAST (yunnan Association for Science and Technology), the YASM (Yunnan Association for Surveying and Mapping) and the YBSM (Yunnan Bureau for Surveying and Mapping), I sincerely invite you all to attend the 11<sup>th</sup> SEASC 2011.</p> <p>There are still six years for the 11<sup>th</sup> SEASC from today, which absolutely indicates that the SEASC is very dynamic and prosperous, because the six-year-later Congress has been arranged by active member of the SEASC, which definitely will mark the history of the SEASC. In order to greatly serve the Congress, we have engaged "Bank Hotel Kunming" who will provide ardent and best services with its five-star facilities during the Congress.</p> <p>After the Congress, we will arrange you to visit the famous places, for field exploration, such as Dali, Lijiang, Xishuangbanna, Zhongdian etc. in Yunnan province P. R. China. There are many cultural histories of the minorities, virgin forests, rare animals and plants, geologic inheritances and beautiful natural sceneries in above places. I believe that you will experience more and get more</p> |                                       |

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|      | <p>from them.</p> <p>We gratefully hope this Congress will be supported by the ASEAN FLAG (Asean Federation of Land Surveyors and Geomatics), the FIG (International Federation of Surveyors), the ISPRS (International Society for Photogrammetry and Remote Sensing) and our entire friends. Thank you very much!</p> <p>I am looking forward to meeting you in the beautiful city Kunming in spring 2011.</p> <p>Your sincerely,<br/>Mr Yang Jun-Dong<br/>Yunnan Association for Science and Technology<br/>Director General, Yunnan Bureau for Surveying and Mapping<br/>President, Yunnan Association for Surveying and Mapping</p> <p>21<sup>st</sup> November 2005 at Bandar Seri Begawan, Brunei Darussalam</p> |       |
| 10.2 | <p><b>ASEAN MRA SURVEYING</b></p> <p>Mr Teo Chee Hai reported ;</p> <p><b>Proposed ASEAN Framework Agreement on Mutual Recognition of Surveying Qualifications</b></p> <p>As decided at the 43<sup>rd</sup> CCS Meeting, that each MRA is be discussed in parallel and the Meeting of the Surveying Expert Group on the Proposed ASEAN Framework Agreement on Mutual Recognition of Surveying Qualifications was attended by delegates from Indonesia, Malaysia and Philippines.</p>  | Info. |
| 10.3 | <p><b>FIG HONG KONG 2007</b></p> <p>As Vice President of FIG, Mr T N Wong reported that FIG very active in this region recently. There will be Regional Conference in Jakarta, Ghana and Munich. FIG working week on 12 – 17 May 2007 organize by The Hong Kong Institute of Surveyors. On 2008 there will be conference at Stockholm, 2009 Israel, 2010 Sydney Australia and Cairo.</p> <p>As Vice President of FIG, give him the opportunity to announce the conferences.</p>   | Info. |

